

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E80003

Participation : CTR

Employer : US Federal Aviation Administration

Status : Affected

Worksite : FAA

Survey Type : Online

Street : 2200 S 216th Street Northwest Mtn. Regions

Response Rate : 41%

Jurisdiction : City of Des Moines

Survey Date : 7/16/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 38.7%

Drive Alone Rate : 61.3%

One-Way VMT per employee : 14.5

Average One-Way distance home to work : 22.7

Employees and Survey Response Information

Reported Total Employees at Worksite : 1,400

Surveys Distributed : 1,400

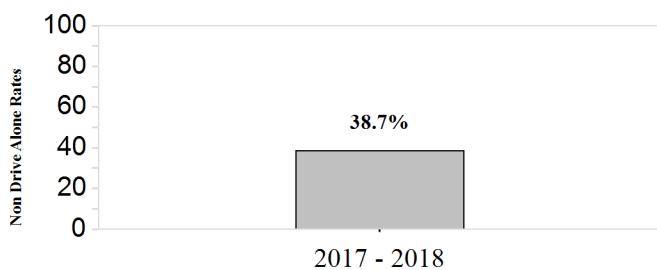
Surveys Returned : 571

Surveys Returned by CTR Affected* Employees : 553

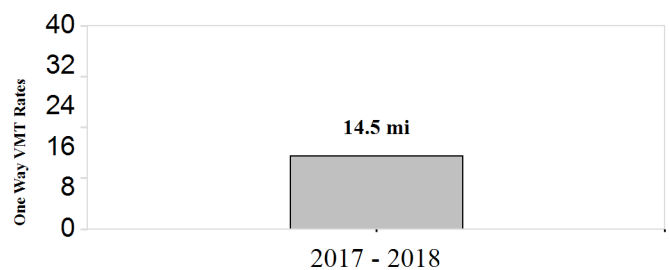
Total Estimated CTR Affected Employees at Worksite : 1,356

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

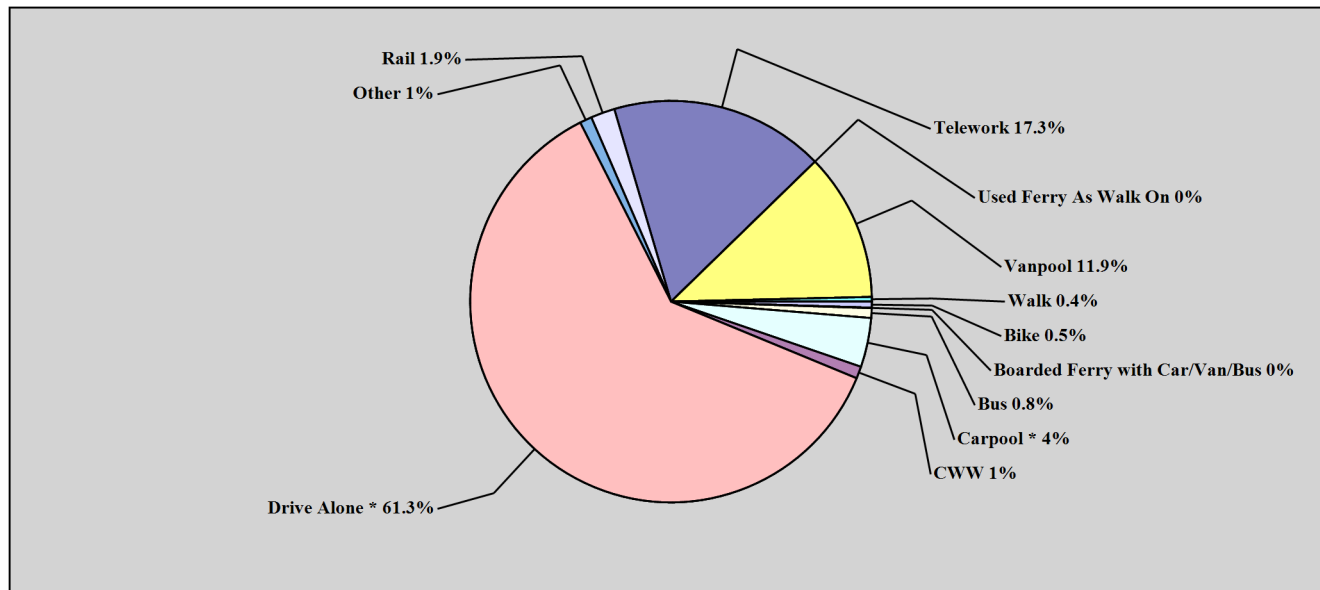
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2011 - 2012	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2013 - 2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015 - 2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2017 - 2018	38.7%	39.5%	1544	3784	23.8	14.5	14.3
Target	44.7%				Target:	11.9	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	0.0				% Change from Baseline:	0.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



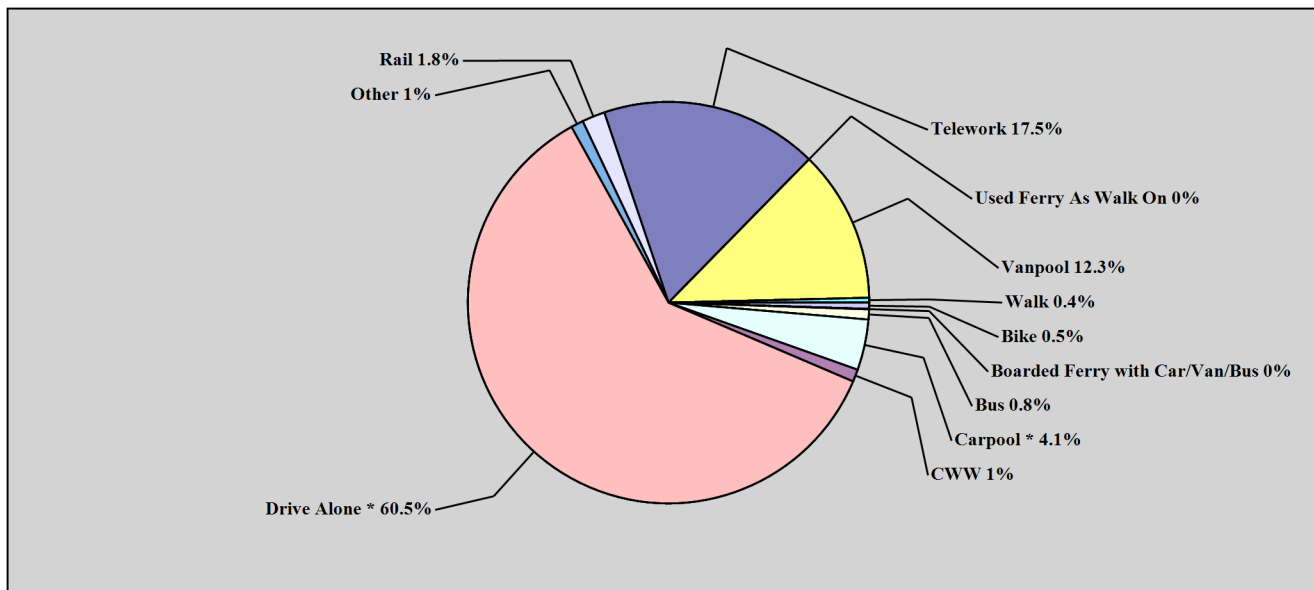
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,642	61.3%	0.0%	435	76.2%	0.0%
Carpool *	106	4.0%	0.0%	36	6.3%	0.0%
Vanpool	319	11.9%	0.0%	96	16.8%	0.0%
Bus	21	0.8%	0.0%	7	1.2%	0.0%
Rail	52	1.9%	0.0%	16	2.8%	0.0%
Bike	13	0.5%	0.0%	8	1.4%	0.0%
Walk	10	0.4%	0.0%	4	0.7%	0.0%
Telework	463	17.3%	0.0%	238	41.7%	0.0%
CWW	26	1.0%	0.0%	23	4.0%	0.0%
Boarded Ferry with Car/Van/Bus	1	0.0%	0.0%	1	0.2%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	26	1.0%	0.0%	15	2.6%	0.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,574	60.5%	0.0%	419	75.8%	0.0%
Carpool *	106	4.1%	0.0%	36	6.5%	0.0%
Vanpool	319	12.3%	0.0%	96	17.4%	0.0%
Bus	21	0.8%	0.0%	7	1.3%	0.0%
Rail	48	1.8%	0.0%	15	2.7%	0.0%
Bike	13	0.5%	0.0%	8	1.4%	0.0%
Walk	10	0.4%	0.0%	4	0.7%	0.0%
Telework	456	17.5%	0.0%	233	42.1%	0.0%
CWW	26	1.0%	0.0%	23	4.2%	0.0%
Boarded Ferry with Car/Van/Bus	1	0.0%	0.0%	1	0.2%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	26	1.0%	0.0%	15	2.7%	0.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	241	42%	571	100%
1 Days	68	12%	330	58%
2 Days	67	12%	262	46%
3 Days	46	8%	195	34%
4 Days	52	9%	149	26%
5 Days	94	16%	97	17%
6 or More Days	3	1%	3	1%

Count by Occupancy of Carpools and Vanpools

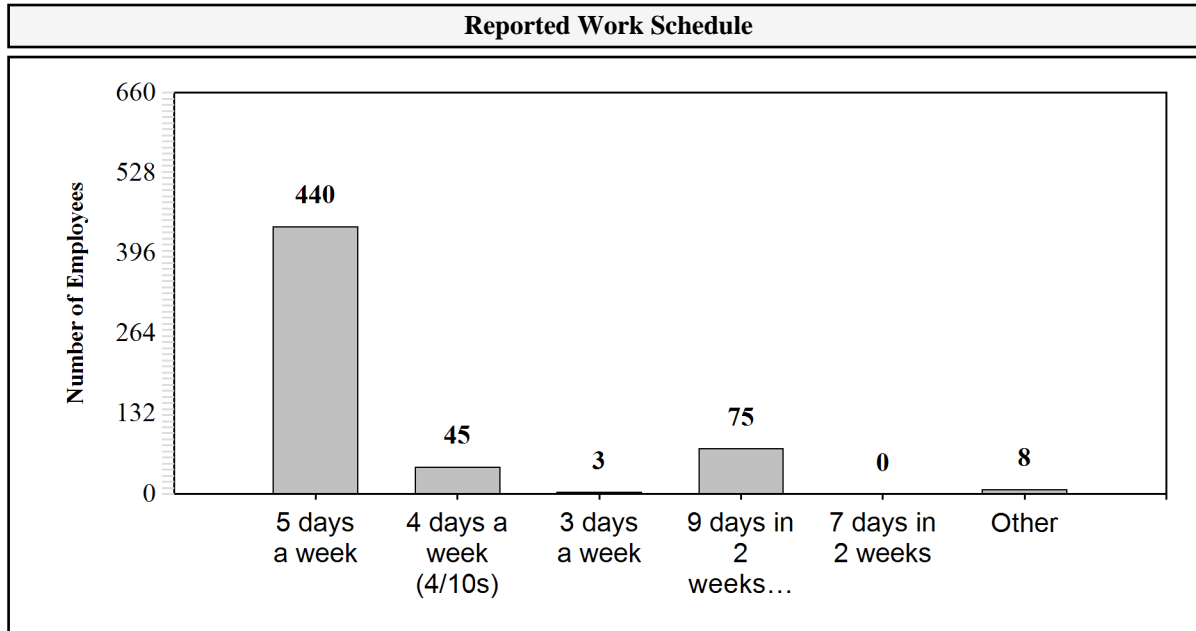
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	93
3	Carpool	7
4	Carpool	6
5	Carpool	0
>5	Carpool	0
<5	Vanpool	157
5	Vanpool	64
6	Vanpool	49
7	Vanpool	10
8	Vanpool	7
9	Vanpool	17
10	Vanpool	15
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

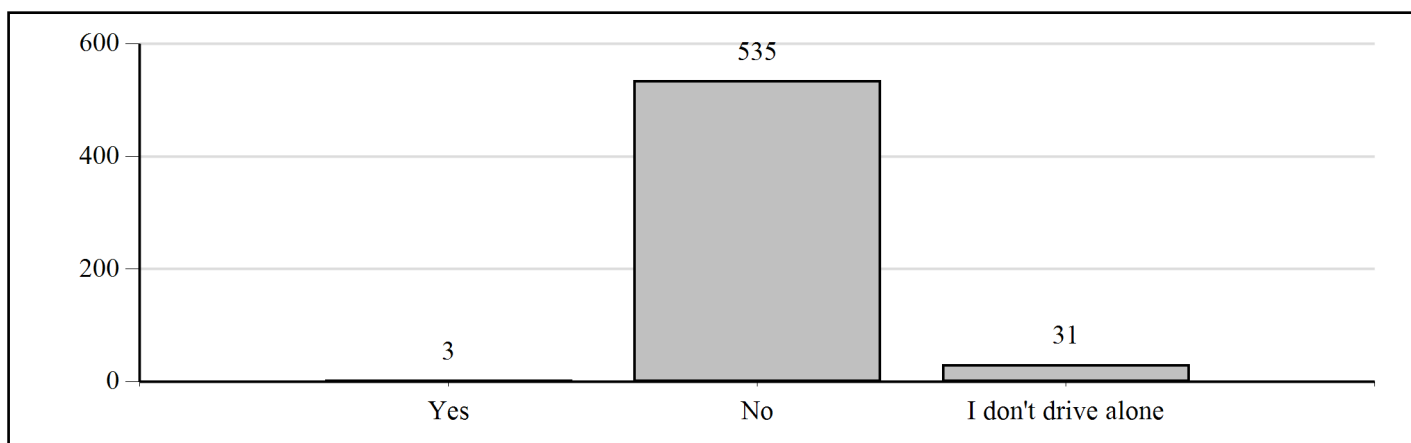
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	440	77.1%
4 days a week (4/10s)	45	7.9%
3 days a week	3	0.5%
9 days in 2 weeks (9/80)	75	13.1%
7 days in 2 weeks	0	0%
Other	8	1.4%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	121	21.2%
Occasionally, on an as-needed basis	138	24.2%
1-2 days/month	50	8.8%
1 day/week	89	15.6%
2 days/week	119	20.8%
3 days/week	54	9.5%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	216	19.9%
Free or subsidized bus, train, vanpool pass or fare benefit	173	16.0%
To save money	172	15.9%
To save time using the HOV lane	121	11.2%
Environmental and community benefits	97	8.9%
Personal health or well-being	89	8.2%
Financial incentives for carpooling, bicycling or walking.	82	7.6%
Other	74	6.8%
Emergency ride home is provided	22	2.0%
Driving myself is not an option	21	1.9%
Cost of parking or lack of parking	9	0.8%
Preferred/reserved carpool/vanpool parking is provided	5	0.5%
I receive a financial incentive for giving up my parking space	3	0.3%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	412	30.0%
I like the convenience of having my car	341	24.8%
Family care or similar obligations	201	14.6%
Other	147	10.7%
My commute distance is too short	98	7.1%
Bicycling or walking isn't safe	85	6.2%
I need more information on alternative modes	49	3.6%
My job requires me to use my car for work	32	2.3%
There isn't any secure or covered bicycle parking	10	0.7%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98042	20	3.50%	66	2	3	0	0	0	0	0	21	3	0	0	1
98038	19	3.33%	53	4	23	0	0	0	0	0	12	1	0	0	2
98092	19	3.33%	69	4	5	0	0	0	0	0	12	0	0	0	0
98058	18	3.15%	60	4	0	0	0	0	2	0	22	0	0	0	0
98391	17	2.98%	48	16	3	0	0	0	0	0	9	1	0	0	0
98056	16	2.80%	63	4	0	0	0	0	0	0	6	0	0	0	0
98031	15	2.63%	52	6	3	0	0	0	0	0	9	3	0	0	3
98422	15	2.63%	52	2	5	2	0	0	2	0	9	1	0	0	2
98059	14	2.45%	58	0	0	0	0	0	0	0	9	0	0	0	0
98001	13	2.28%	42	1	3	0	4	0	0	0	12	2	0	0	0
98198	13	2.28%	50	0	0	0	6	0	0	4	4	1	0	0	0
98374	12	2.10%	16	0	17	0	0	0	0	0	13	0	0	0	0
98003	11	1.93%	32	0	5	0	0	0	0	0	8	1	0	0	0
98055	11	1.93%	40	0	5	0	4	0	0	0	2	0	0	0	1
98023	10	1.75%	23	0	9	0	0	0	0	0	12	0	0	0	1
98027	10	1.75%	33	0	6	0	0	0	0	0	4	1	0	0	0
98338	9	1.58%	10	3	12	0	0	0	0	0	12	0	0	0	4
98372	9	1.58%	13	4	20	0	0	0	0	0	3	0	0	0	0
98032	8	1.40%	25	0	0	0	0	0	1	0	7	1	0	0	0
98052	8	1.40%	35	0	0	0	0	0	0	0	0	0	0	0	0
98166	8	1.40%	25	2	0	0	0	0	1	0	11	0	0	0	0
98387	8	1.40%	18	1	10	0	0	0	0	0	10	0	0	0	0
98030	7	1.23%	21	0	0	0	0	0	0	0	7	0	0	0	4
98057	7	1.23%	23	9	0	0	0	0	0	0	3	1	0	0	0
98004	6	1.05%	17	0	2	0	0	0	0	0	9	0	0	0	1
98118	6	1.05%	19	3	0	0	0	5	0	0	2	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98178	6	1.05%	19	0	0	0	0	5	0	0	5	0	0	0	0
98373	6	1.05%	24	0	5	0	0	0	0	0	1	0	0	0	0
98407	6	1.05%	10	3	7	0	0	0	0	0	7	0	0	0	0
98002	5	0.88%	20	0	0	0	0	0	0	0	1	0	0	0	0
98006	5	0.88%	15	6	2	0	0	0	0	0	1	0	0	0	0
98012	5	0.88%	4	0	13	0	0	0	0	0	7	0	0	0	0
98022	5	0.88%	6	0	9	0	0	0	0	0	7	0	0	0	0
98075	5	0.88%	16	0	5	0	0	0	0	0	4	0	0	0	0
98136	5	0.88%	15	0	0	0	0	0	0	0	6	0	0	0	0
98188	5	0.88%	12	0	0	0	2	3	2	0	5	0	0	0	0
98258	5	0.88%	5	0	10	0	0	0	0	0	4	0	0	0	0
98321	5	0.88%	17	3	0	0	0	0	0	0	4	0	0	0	0
98332	5	0.88%	3	0	10	0	0	0	0	0	8	1	0	0	0
98360	5	0.88%	14	0	10	0	0	0	0	0	1	0	0	0	0
98404	5	0.88%	17	0	0	2	0	0	0	0	6	0	0	0	0
98029	4	0.70%	10	3	0	0	0	5	0	0	1	1	0	0	0
98109	4	0.70%	11	0	0	0	0	5	0	0	4	0	0	0	0
98116	4	0.70%	12	3	0	0	0	0	0	0	0	0	0	0	0
98335	4	0.70%	8	0	6	0	0	0	0	0	4	0	0	0	1
98466	4	0.70%	14	0	0	0	0	0	0	0	4	0	0	0	2
98007	3	0.53%	9	0	5	0	0	0	0	0	0	1	0	0	0
98040	3	0.53%	10	0	0	0	0	3	0	2	0	0	0	0	0
98074	3	0.53%	4	0	7	0	0	0	0	0	2	0	0	0	0
98107	3	0.53%	13	0	0	0	0	0	0	0	0	1	0	0	0
98112	3	0.53%	5	0	0	5	0	4	0	0	1	0	0	0	0
98115	3	0.53%	10	0	0	0	0	0	0	0	3	0	0	0	0
98117	3	0.53%	3	8	0	0	0	0	0	0	4	0	0	0	0
98122	3	0.53%	3	0	0	0	0	1	0	0	2	1	0	0	0
98125	3	0.53%	12	0	2	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98146	3	0.53%	12	0	0	0	0	0	0	0	3	0	0	0	0
98168	3	0.53%	13	0	0	0	0	0	0	0	2	0	0	0	0
98208	3	0.53%	9	0	0	2	0	0	0	0	2	0	0	0	0
98290	3	0.53%	5	0	4	0	0	4	0	0	2	0	0	0	0
98329	3	0.53%	4	0	4	0	0	0	0	0	3	0	0	0	3
98371	3	0.53%	12	0	0	0	0	0	0	0	2	0	0	0	0
98375	3	0.53%	5	0	3	0	2	0	0	2	2	0	0	0	0
98388	3	0.53%	5	0	3	0	0	5	0	0	2	0	0	0	0
98405	3	0.53%	7	5	0	0	0	0	0	0	3	0	0	0	0
98424	3	0.53%	12	0	0	0	0	0	0	0	2	0	0	0	0
98516	3	0.53%	5	0	0	0	0	3	0	0	6	0	0	0	0
98011	2	0.35%	2	0	2	0	0	0	0	0	3	0	0	0	0
98026	2	0.35%	2	7	0	0	0	0	0	0	1	0	0	0	0
98033	2	0.35%	10	0	0	0	0	0	0	0	0	0	0	0	0
98034	2	0.35%	4	0	1	0	0	0	0	0	4	1	0	0	0
98037	2	0.35%	5	0	2	0	0	0	0	0	3	0	0	0	0
98045	2	0.35%	5	0	5	0	0	0	0	0	0	0	0	0	0
98053	2	0.35%	8	0	0	0	0	0	0	0	2	0	0	0	0
98077	2	0.35%	5	0	0	6	0	0	0	0	0	0	0	0	0
98102	2	0.35%	10	0	0	0	0	0	0	0	0	0	0	0	0
98105	2	0.35%	7	0	2	0	0	0	0	0	3	0	0	0	0
98106	2	0.35%	10	0	0	0	0	0	0	0	0	0	0	0	0
98108	2	0.35%	2	0	0	1	0	3	0	0	2	0	0	0	0
98119	2	0.35%	5	0	0	0	0	0	0	0	7	0	0	0	0
98126	2	0.35%	8	0	0	0	0	1	1	0	0	0	0	0	0
98144	2	0.35%	8	0	0	0	0	1	0	0	1	0	0	0	0
98148	2	0.35%	10	0	0	0	0	0	0	0	0	0	0	0	0
98155	2	0.35%	4	0	0	0	0	0	3	0	1	0	0	0	0
98203	2	0.35%	0	0	6	0	0	0	1	2	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98223	2	0.35%	0	0	0	0	3	0	0	0	6	0	0	0	0
98275	2	0.35%	4	0	3	0	0	0	0	0	3	0	0	0	0
98296	2	0.35%	2	0	3	0	0	0	0	0	2	0	0	0	0
98312	2	0.35%	0	0	9	0	0	0	0	0	0	0	0	0	0
98354	2	0.35%	2	0	4	0	0	0	0	0	3	0	0	0	0
98367	2	0.35%	1	0	1	0	0	0	0	0	5	1	0	0	0
98418	2	0.35%	9	0	0	0	0	0	0	0	1	0	0	0	0
98443	2	0.35%	4	0	0	0	0	0	0	0	5	0	0	0	0
98446	2	0.35%	5	0	0	1	0	0	0	0	4	0	0	0	0
98498	2	0.35%	5	0	5	0	0	0	0	0	0	0	0	0	0
98499	2	0.35%	10	0	0	0	0	0	0	0	0	0	0	0	0
98503	2	0.35%	4	0	1	0	0	0	0	0	4	0	0	0	0
98513	2	0.35%	1	0	8	0	0	0	0	0	1	0	0	0	0
	1	0.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
87407	1	0.18%	0	1	0	0	0	0	0	0	4	0	0	0	0
95178	1	0.18%	2	0	0	0	0	0	0	0	2	0	0	0	1
97206	1	0.18%	4	0	0	0	0	0	0	0	0	0	0	0	0
98005	1	0.18%	1	2	0	0	0	0	0	0	1	0	0	0	0
98008	1	0.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98014	1	0.18%	0	0	5	0	0	0	0	0	0	0	0	0	0
98020	1	0.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98028	1	0.18%	3	0	0	0	0	0	0	0	1	0	0	0	0
98036	1	0.18%	0	0	4	0	0	0	0	0	1	0	0	0	0
98047	1	0.18%	6	0	0	0	0	0	0	0	0	0	0	0	0
98072	1	0.18%	2	0	0	0	0	0	0	0	2	0	0	0	0
98087	1	0.18%	2	0	1	0	0	0	0	0	0	0	0	0	0
98101	1	0.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98103	1	0.18%	4	0	0	0	0	0	0	0	1	0	0	0	0
98110	1	0.18%	0	0	0	0	0	4	0	0	1	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98121	1	0.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98177	1	0.18%	4	0	0	0	0	0	0	0	1	0	0	0	0
98201	1	0.18%	4	0	0	0	0	0	0	0	0	0	0	0	0
98204	1	0.18%	0	0	3	0	0	0	0	0	2	0	0	0	0
98251	1	0.18%	0	0	3	0	0	0	0	0	2	0	0	0	0
98272	1	0.18%	0	0	3	0	0	0	0	0	0	0	0	0	0
98277	1	0.18%	0	0	0	0	0	0	0	0	3	1	1	0	0
98294	1	0.18%	0	0	0	0	0	0	0	0	6	0	0	0	0
98327	1	0.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98351	1	0.18%	0	0	5	0	0	0	0	0	0	0	0	0	0
98390	1	0.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98403	1	0.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98409	1	0.18%	4	0	0	0	0	0	0	0	0	0	0	0	0
98417	1	0.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98445	1	0.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98467	1	0.18%	2	0	2	0	0	0	0	0	1	0	0	0	0
98501	1	0.18%	0	0	4	0	0	0	0	0	1	0	0	0	0
98506	1	0.18%	0	0	1	0	0	0	0	0	4	0	0	0	0
98528	1	0.18%	2	0	0	0	0	0	0	0	0	1	0	0	0
98530	1	0.18%	0	0	0	0	0	0	0	0	5	0	0	0	0
98532	1	0.18%	0	0	0	2	0	0	0	0	2	0	0	0	0
98558	1	0.18%	0	0	0	0	0	0	0	0	1	0	0	0	0
98589	1	0.18%	2	0	0	0	0	0	0	0	3	0	0	0	0
98607	1	0.18%	2	0	0	0	0	0	0	0	2	1	0	0	0
98632	1	0.18%	1	0	0	0	0	0	0	0	4	0	0	0	0
98922	1	0.18%	1	0	0	0	0	0	0	0	3	0	0	0	0